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- (51) 国際特許分類: C23F 11/00 (74) 代理人: 中井 信宏 (NAKAI, Nobuhiro); 〒540-0031 大阪府大阪市中央区北浜東 2-1 6 日刊工業新聞社大阪支社ビル 7 階 Osaka (JP).
- (21) 国際出願番号: PCT/JP2002/010220
- (22) 国際出願日: 2002 年 9 月 30 日 (30.09.2002) (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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- (84) 指定国 (広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- 2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: ANTICORROSIVE

(54) 発明の名称: 防錆剤

(57) **Abstract:** An anticorrosive which combines the same easiness as coating with the same superior properties as metal spraying. Flaky particles of zinc and aluminum produced with a stamping mill are introduced as fine inorganic metal particles into a modified silicone resin solution to produce the anticorrosive. A silane type silicone resin is used for the modified silicone resin solution. For example, a solution comprising a mixture of an organosilane type silicone resin and an oligomeric silane coupling agent or the like is used.

(57) 要約: 塗装方法と同様の簡便さと金属溶射方法と同等の優位特性を発揮することができる防錆剤である。スタンピングミルで製造することによって鱗箔状に形成された無機微粉金属としての亜鉛及びアルミニウムを変性シリコーン樹脂溶液に混入調製して製造する。変性シリコーン樹脂溶液には、シラン系のシリコーン樹脂を使用し、例えばオルガノシラン系シリコーン樹脂にオリゴマー型シランカップリング剤等の混入溶液を用いる。

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/10220

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C23F11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C23F11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2002

Kokai Jitsuyo Shinan Koho 1971-2002 Jitsuyo Shinan Toroku Koho 1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-35686 A (Dai Nippon Toryo Co., Ltd.), 05 February, 2002 (05.02.02), (Family: none)	1
A	JP 2001-124303 A (Shikoku Electric Power Co., Inc.), 11 May, 2001 (11.05.01), (Family: none)	1

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

24 March, 2003 (24.03.03)

Date of mailing of the international search report

08 April, 2003 (08.04.03)

Name and mailing address of the ISA/

Japanese Patent Office

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